

ROUTE 101/405

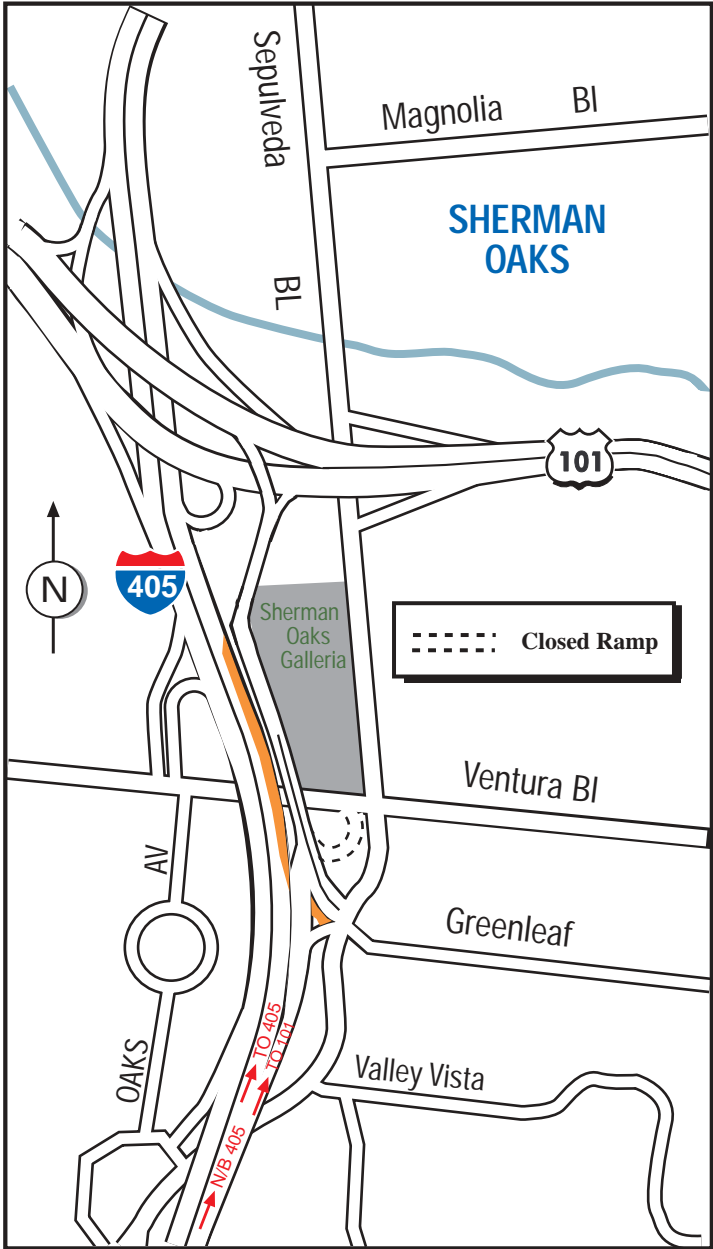
Connector Gap Closure

TCRP PROJECT # 51

07-20120

PPNO:2336

LA-405-KP 62.28/63.41 (PM 38.7/39.4)



II. Benefits

Transportation benefit
The gap closure project will eliminate the weaving in I-405/US 101 Segment, and will provide added capacity through the connector and interchange. This will allow the connecting traffic to the southbound US-101 as well as the northbound I-405 mainline traffic to have unimpeded flow. It will significantly increase the level of service and reduce the total travel time. It may result in as much as 25% savings in travel-time through the connector and 15% savings through the mainline I-405 as a result of this project.

Other benefits
This project will enhance the existing Interstate 405 freeway network as well as to the connection to the US 101 freeway. It does not compete, duplicate, or conflict with any other projects in the proposed area. Traffic operational improvement project will enhance the system mobility locally while providing for improved system network accessibility.

III. Cost

The total Cost of the Project is \$ 38.9 million. The funding details are as follow:

Fund Source	Programmed Amount (capital plus support)	Additional Funding Needs (if any)	Milestones to be met with funds (PA&ED, R/W Cert, RTL, CCA)
RTIP	\$5,000,000	\$3,787,000	CCA
ITIP	\$5,338,000	\$3,786,000	
Grandfathered STIP			
SHOPP			
Measure			
RSTP			
CMAQ			
TCRP	\$21,000,000		PA&ED, R/W Cert. , RTL, CCA
Private Funding			
Total	\$31,338,000	\$7,573,000	

PROJECT SCHEDULE
Total Estimated Cost of Project : \$ 38.9 million

	GAP CLOSURE																											
	20120K - LA-405-38.70/39.40																											
	Jan - Dec 2000				Jan - Dec 2001				Jan - Dec 2002				Jan - Dec 2003				Jan - Dec 2004				Jan - Dec 2005				Jan - Dec 2006			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
PA & ED																												
PS&E																												
RIGHTOFWAY																												
CONSTRUCTION																												
OPEN TO TRAFFIC																												

I. Purpose and Need:

- Alleviate the congestion at the 101/405 interchange by eliminating the existing weave in this area. This improvement is needed because the 101/405 interchange is one of the busiest interchanges in California, carrying over 530,000 vehicles each day. The traffic congestion, at this interchange, is compounded by its unusual design configuration. The configuration can not easily be corrected due to constraints such as the flood basin, the mountainous terrain, and lack of available right of way.

Alternatives under consideration

- Extend the auxiliary lane past the Greenleaf off-ramp to the Route 101 Connector, close the loop on-ramp from eastbound Ventura Blvd. and braid (grade separate) the slip on-ramp from Sepulveda Blvd to northbound Route 405 with the Route 101 Connector by carrying the slip on ramp under the connector.